

Amendments to the Claims:

This Listing of Claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claims 1 (Canceled).

Claim 2 (Currently amended): A method as claimed in claim ~~1~~7, wherein the step of identifying data relating to relevant server protocols comprises:

for each communication included in the received data, comparing the data transfer protocol with at least one predefined server protocol, and

when the comparison results in a match, identifying the corresponding received data as relating to a relevant server protocol.

Claim 3 (Original): A method as claimed in claim 2, wherein the step of identifying further includes marking the identified data.

Claims 4-6 (Canceled).

Claim 7 (Currently amended): A method ~~as claimed in claim 6, further comprising:~~ for identifying a device acting as a server on a network, the method comprising:

receiving data representing communications on the network, the data containing source device, destination

device, data transfer protocol and data volume information for communications represented therein;

identifying, from the received data, data relating to one or more relevant server protocols;

using the identified data, determining as a server device, the device which has the highest data volume for communications in which it is the source or destination device and in which at least a threshold number of other devices are involved;

after the step of identifying data relating to relevant server protocols, identifying the devices involved in the communications represented in the identified data using the source device and destination device information, and for each identified device, determining the total volume of data transferred during communications represented in the identified data involving the device using the volume information;

after the step of determining the total volume of data transferred for each device, identifying the device with the highest total volume;

after the step of identifying the device with the highest total volume, determining the number of other devices involved in communications, represented in the identified data, with the identified device;

after the step of determining the number of other devices, comparing the determined number against a predetermined threshold number, and if the determined number exceeds the predetermined threshold number, determining that the identified device with the highest total volume is a server device.

Claim 8 (Original): A method as claimed in claim 7,
further comprising:

removing data representing communications involving
the determined server device from the identified data.

Claim 9 (Original): A method as claimed in claim 8,
wherein the step of removing comprises unmarking the data.

Claim 10-21 (Canceled).

Claim 22 (Currently amended): ~~A computer program as
claimed in claim 21, further comprising:~~ On a computer
readable medium, a computer program comprising:

program means for receiving data representing
communications on the network, the data containing source
device, destination device, data transfer protocol and data
volume information for communications represented therein;

program means for identifying, from the received data,
data relating to one or more relevant server protocols, and
program means for using the identified data, determining as
a server device, the device which has the highest data
volume for communications in which it is the source or
destination device and in which at least a threshold number
of other devices are involved;

wherein the program means for determining as a server
device further comprises:

program means for identifying, after
identifying data relating to relevant server
protocols, the devices involved in the

communications represented in the identified data using the source device and destination device information,

program means for determining, for each identified device, the total volume of data transferred during communications represented in the identified data involving the device using the volume information;

program means for identifying, after said determining, the total volume of data transferred for each device, the device with the highest total volume;

program means for identifying, after said determining, the total volume of data transferred for each device, the device with the highest total volume; and

program means for determining, after said identifying, the device with the highest total volume the number of other devices involved in communications, represented in the identified data, with the identified device;

program means for comparing, after said determining the number of other devices, the determined number against a predetermined threshold number, and

program means for determining, if the determined number exceeds the predetermined threshold number, that the identified device with the highest total volume is a server device.

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Amdt. dated August 2004
Reply to Office Action of May 7, 2004

Claim 23 (Original): A computer program as claimed in
claim 22, further comprising:

program means for removing data representing
communications involving the determined server device from
the identified data.

Claim 24-28 (Canceled).